

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: November 2, 1999, 04:12:54 ; Search time 33.69 Seconds
(without alignments)

64.853 Million cell updates/sec

Title: US-08-978-217-14

Perfect score: 21
Sequence: 1 GTACCTCATGCGCCGCTCAG 21

Scoring table: IDENTITY_NUC

Searched: 192659 seqs, 52021692 residues

Database :
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/5C.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/5D.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PTUS9.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	100.0	1920	3	US-08-746-789A-1
2	16.4	78.1	5502	5	PCT-US95-02251-17
3	16.2	77.1	2266	4	US-09-213-767-1
4	15.2	72.4	2667	4	US-08-469-412A-1
5	15.2	72.4	2484	4	US-08-209-521-8
6	14.6	69.5	1402	3	US-08-447-965A-1
7	14.4	68.6	1246	1	US-08-097-828-2
8	14.4	68.6	3969	1	US-08-026-138E-16
9	14.4	68.6	1246	2	US-08-480-756-2
10	14.4	68.6	1246	3	US-08-462-403-2
11	14.4	68.6	1246	5	PCT-US92-00331-2
12	14.4	68.6	1246	5	PCT-US93-10419-2
13	14.2	67.6	2682	1	US-07-971-819A-1
14	14.2	67.6	9511	1	US-07-925-695-6
15	14.2	67.6	9511	1	US-07-925-695-7
16	14.2	67.6	2682	1	US-07-977-434-3
17	14.2	67.6	1412	1	US-08-097-831-1
18	14.2	67.6	2682	1	US-08-475-231-1
19	14.2	67.6	423	1	US-08-470-179-160
20	14.2	67.6	348	2	US-08-519-777-13
21	14.2	67.6	348	2	US-08-742-035-13
22	14.2	67.6	12847	2	US-08-550-715-1
23	14.2	67.6	2682	3	US-08-458-819-3
24	14.2	67.6	348	3	US-08-777-019-13
25	14.2	67.6	348	3	US-08-777-143-13
26	14.2	67.6	2544	3	US-08-469-412A-6
27	14.2	67.6	2682	5	PCT-US91-07035-3
28	13.8	65.7	1235	1	US-08-095-726-13
29	13.8	65.7	1235	1	US-08-095-726-15
30	13.8	65.7	1235	2	US-08-096-623A-13
31	13.8	65.7	1235	2	US-08-096-623A-15
32	13.8	65.7	6306	2	US-08-466-390-3
33	13.8	65.7	6306	2	US-08-393-985-11
34	13.8	65.7	6306	2	US-08-470-950-3
35	13.8	65.7	2733	2	US-08-676-967-3
36	13.8	65.7	2733	3	US-08-676-974-3
37	13.8	65.7	3046	3	US-08-726-725-1

C 38	13.8	65.7	4371	3	US-08-803-973-1	Sequence 1, Appl 1
C 39	13.8	65.7	2022	3	US-08-803-973-6	Sequence 6, Appl 1
C 40	13.8	65.7	2124	3	US-08-803-973-11	Sequence 11, Appl 1
C 41	13.8	65.7	6306	3	US-08-467-781-3	Sequence 3, Appl 1
C 42	13.8	65.7	6306	3	US-08-195-487-3	Sequence 3, Appl 1
C 43	13.8	65.7	4371	3	US-08-803-972-1	Sequence 1, Appl 1
C 44	13.8	65.7	2022	3	US-08-803-972-6	Sequence 6, Appl 1
C 45	13.8	65.7	2124	3	US-08-803-972-11	Sequence 11, Appl 1

ALIGNMENTS

```

RESULT 1
US-08-746-789A-1/c
; Sequence 1, Application US/08746789A
; Patent No. 5789200
; GENERAL INFORMATION:
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Smithline Beecham Corporation
; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,789A
; FILING DATE: No. 5789200el December 15, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: ATG 50024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5219
; TELEFAX: 610 270 4026
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1920
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
; US-08-746-789A-1

Query Match 100.0% Score 21; Length 1920;
Best Local Similarity 100.0% Pred. No. 0.082;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTACCTCATGCGCCGCTCAG 21
DB 1119 GTACCTCATGCGCCGCTCAG 1099

RESULT 2
PCT-US95-02251-17/c
; Sequence 17, Application PC/TUS9502251
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING BONE
; TITLE OF INVENTION: CELLS

```

NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: Patent Release #1.0, Version
SOFTWARE: #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02251
FILING DATE: CONCURRENTLY HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/316,650
FILING DATE: 30-SEP-1994
CLASSIFICATION:
APPLICATION NUMBER: US 08/199,780
FILING DATE: 18-FEB-1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UMIC009P--
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (713) 789-2679
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 5502 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
FEATURE:
NAME/KEY: CDS
LOCATION: 1..5502
PCT-US95-02251-17

Query Match 78.1%; Score 16.4; DB 5; Length 5502;
Best Local Similarity 94.4%; Pred. No. 12;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 ACCTCATGCGCCGGCTCA 20
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DB 3158 ACCTCATGCGCCGGCTCA 3141

RESULT 3
US-09-213-767-1/C
Sequence 1, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
CURRENT APPLICATION NUMBER: US/09/213,767
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 1
LENGTH: 2266
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:

NAME/KEY: CDS
LOCATION: (316)..(1602)
US-09-213-767-1

Query Match 77.1%; Score 16.2; DB 4; Length 2266;
Best Local Similarity 85.7%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGCGCCGGCTCAG 21
||||| ||||||| ||
DB 513 GTACCGCAAGCGCCGGCTGAG 493

RESULT 4
US-08-469-412A-1/C
Sequence 1, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasios, Maropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2667 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 123..1769
OTHER INFORMATION: /note= "human ERF (ETS2 Repressor
OTHER INFORMATION: Factor) cDNA"
US-08-469-412A-1

Query Match 72.4%; Score 15.2; DB 3; Length 2667;
Best Local Similarity 85.0%; Pred. No. 43;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 TACCTCATGCGCCGGCTCAG 21
||||| ||||||| ||
DB 382 TACCGCAAGCGCCGGCTCAG 363

RESULT 5
US-08-209-521-8/c
Sequence 8, Application US/08209521
Patent No. 5922855
GENERAL INFORMATION:
APPLICANT: Liskay, Robert M.
APPLICANT: Bronner, C. Eric
APPLICANT: Baker, Sean M.
APPLICANT: Bollag, Roni J.
APPLICANT: Kolodner, Richard D.
TITLE OF INVENTION: MAMMALIAN DNA MISMATCH REPAIR GENES
TITLE OF INVENTION: hMLH1 AND hPMS1
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &
ADDRESSEE: Heuser
STREET: 520 S.W. Yamhill, Suite 200
CITY: Portland
STATE: Oregon
COUNTRY: US
ZIP: 97204
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/209,521
FILING DATE: 08-MAR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Van Rysselberghe, Pierre C.
REGISTRATION NUMBER: 33,557
REFERENCE/DOCKET NUMBER: OHSU 306A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 2484 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
POSITION IN GENOME:
MAP POSITION: 3p21.3-23
US-08-209-521-8

Query Match 72.4%; Score 15.2; DB 4; Length 2484;
Best Local Similarity 85.0%; Pred. No. 43;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGCCCCGCTCA 20
DB 1582 GAACCTCATGCTCCCTGCTCA 1563

RESULT 6
US-08-447-965A-1/c
Sequence 1, Application US/08447965A
Patent No. 5776692
GENERAL INFORMATION:
APPLICANT: El-Zaatari, Fouad A.K.
APPLICANT: Naser, Saleh
APPLICANT: El-Zaatari, Fouad A.K.
TITLE OF INVENTION: Mycobacterial Genus-Specific DNA Probe
TITLE OF INVENTION: and its Expressed Product
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 801 Pennsylvania Ave. N.W.

CITY: Washington, D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/447,965A
FILING DATE: 23-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Davis, Peter J.
REGISTRATION NUMBER: 36,119
REFERENCE/DOCKET NUMBER: 311.019
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-662-4669
TELEFAX: 202-662-4643
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1402 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-447-965A-1

Query Match 69.5%; Score 14.6; DB 3; Length 1402;
Best Local Similarity 81.0%; Pred. No. 81;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GTACCTCATGCCCCGCTCA 21
DB 1005 GGACCTCATGCCCCGCTCG 985

RESULT 7
US-08-097-828-2
Sequence 2, Application US/08097828
Patent No. 5464757
GENERAL INFORMATION:
APPLICANT: Potter, Ellen
APPLICANT: Behan, Dominic P.
APPLICANT: Fischer, Wolfgang H.
APPLICANT: Linton, Elizabeth A.
APPLICANT: Lowy, Philip J.
APPLICANT: Vale Jr., Wylie W.
TITLE OF INVENTION: DNA Encoding CRF Binding Protein
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitch, Even, Tabin & Flannery
STREET: 135 South LaSalle Street, Suite 900
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/097,828
FILING DATE: 19930723
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/641,341
FILING DATE: 15-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/967,683

FLING DATE: 26-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: Schumann, James J.
REGISTRATION NUMBER: 20,856
REFERENCE/DOCKET NUMBER: 54426
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)552-1311
TELEFAX: (619)552-0095
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1246 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 45..1013
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 117..320
US-08-097-828-2

Query Match 68.6%; Score 14.4; DB 1; Length 1246;
Best Local Similarity 93.8%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 TCATGCCCGGCTCAG 21
|||||
DB 845 TCATGCCCGGCTCAG 860

RESULT 8
US-08-026-138E-16/C
Sequence 16, Application US/08026138E
Patent No. 5502166
GENERAL INFORMATION:
APPLICANT: Masayoshi MISHINA
TITLE OF INVENTION: NOVEL PROTEINS AND GENES CODING THE SAME
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nishiohata Residence 1-107
STREET: 5214, Nishiohata-machi
CITY: Nishigata-shi
STATE: Nishigata-ken
COUNTRY: JAPAN
ZIP: 951
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS v.5
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/026,138E
FILING DATE: 26-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 39563/1992
FILING DATE: 26-FEB-1992
APPLICATION NUMBER: JP 173155/1992
FILING DATE: 30-JUN-1992
APPLICATION NUMBER: JP 215017/1992
FILING DATE: 12-AUG-1992
APPLICATION NUMBER: JP 303878/1992
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Hamburg, C. Bruce
REGISTRATION NUMBER: 22,389
REFERENCE/DOCKET NUMBER: F-4551
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 986-2340
TELEFAX: (212) 953-7733
INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
LENGTH: 3969 nucleic acids
TYPE: nucleic acid
STRANDEDNESS: double strand
TOPOLOGY: linear
MOLECULE TYPE: CDNA
ORIGINAL SOURCE:
ORGANISM: mouse
TISSUE TYPE: brain
PUBLICATION INFORMATION:
AUTHORS: Masayoshi MISHINA
TITLE: NOVEL PROTEINS AND GENES CODING THE SAME
RELEVANT RESIDUES IN SEQ ID NO: 16: FROM 1 to 3969
US-08-026-138E-16

Query Match 68.6%; Score 14.4; DB 1; Length 3969;
Best Local Similarity 93.8%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 TCATGCCCGGCTCAG 21
|||||
DB 1031 TCATGCCCGGCTCAG 1016

RESULT 9
US-08-480-756-2
Sequence 2, Application US/08480756
Patent No. 5733790
GENERAL INFORMATION:
APPLICANT: Potter, Ellen
APPLICANT: Benan, Dominic P.
APPLICANT: Linton, Elizabeth A.
APPLICANT: Lowry, Philip J.
APPLICANT: Vale Jr., Wylie W.
TITLE OF INVENTION: CRF BINDING PROTEIN ANTIBODIES AND
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitch, Even, Tabin & Flannery
STREET: 135 South LaSalle Street, Suite 900
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,756
FILING DATE:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/641,341
FILING DATE: 15-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/967,683
FILING DATE: 26-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/097,828
FILING DATE: 23-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Schumann, James J.
REGISTRATION NUMBER: 20,856
REFERENCE/DOCKET NUMBER: 56508
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-552-1311
TELEFAX: 619-552-0095
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1246 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 45..1013
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 117..320
US-08-480-756-2

Query Match 68.6%; Score 14.4; DB 2; Length 1246;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCCCCGGCTCAG 21
DB 845 TCATGCCCCGGCCAG 860

RESULT 10
US-08-462-403-2
Sequence 2, Application US/08462403
Patent No. 5844080
GENERAL INFORMATION:
APPLICANT: Potter, Ellen
APPLICANT: Behan, Dominic P.
APPLICANT: Fischer, Wolfgang H.
APPLICANT: Linton, Elizabeth A.
APPLICANT: Lowry, Philip J.
APPLICANT: Vale Jr., Wylie W.
TITLE OF INVENTION: DNA Encoding CRF Binding Protein
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitch, Even, Tabin & Flannery
STREET: 135 South LaSalle Street, Suite 900
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,403
FILING DATE: 05-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/097,828
FILING DATE: 23-JUL-1993
APPLICATION NUMBER: US 07/641,341
FILING DATE: 15-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/967,683
FILING DATE: 26-OCT-1992
ATTORNEY/AGENT INFORMATION:
NAME: Schumann, James J.
REGISTRATION NUMBER: 20,856
REFERENCE/DOCKET NUMBER: 54426
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)552-1311
TELEFAX: (619)552-0095
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1246 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA

FEATURE:
NAME/KEY: CDS
LOCATION: 45..1013
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 117..320
US-08-462-403-2

Query Match 68.6%; Score 14.4; DB 3; Length 1246;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCCCCGGCTCAG 21
DB 845 TCATGCCCCGGCCAG 860

RESULT 11
PCT-US92-00331-2
Sequence 2, Application PC/TUS9200331
GENERAL INFORMATION:
APPLICANT: Potter, Ellen
APPLICANT: Behan, Dominic P.
APPLICANT: Fischer, Wolfgang H.
APPLICANT: Linton, Elizabeth A.
APPLICANT: Lowry, Philip J.
APPLICANT: Vale Jr., Wylie W.
TITLE OF INVENTION: CRF Binding Protein
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitch, Even, Tabin & Flannery
STREET: 135 South LaSalle Street, Suite 900
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60603
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/00331
FILING DATE: 19920113
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/641,341
FILING DATE: 15-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Watt, Phillip H.
REGISTRATION NUMBER: 25,939
REFERENCE/DOCKET NUMBER: 50843PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)372-7842
TELEFAX: (312)372-7842
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1248 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 47..1015
OTHER INFORMATION:
NAME/KEY: mat_peptide
LOCATION: 119..322
OTHER INFORMATION:
PCT-US92-00331-2

Query Match 68.6%; Score 14.4; DB 5; Length 1248;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCCCGGCTCAG 21
|||||
Db 847 TCATGCCCGGCTCAG 862

RESULT 12

PCT-US93-10419-2

Sequence 2, Application PC/TUS9310419

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: CRF Binding Protein

NUMBER OF SEQUENCES: 6

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/10419

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/097,828

FILING DATE: 23-JUL-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/967,683

FILING DATE: 26-OCT-1992

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1246 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 45..1013

NAME/KEY: mat_peptide

LOCATION: 117..320

PCT-US93-10419-2

Query Match 68.6%; Score 14.4; DB 5; Length 1246;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCCCGGCTCAG 21
|||||
Db 845 TCATGCCCGGCTCAG 860

RESULT 13

US-07-971-819A-1

Sequence 1, Application US/07971819A

Patent No. 5420029

GENERAL INFORMATION:

APPLICANT: Gelfand, David H.

APPLICANT: Lawyer, Frances C.

APPLICANT: Stoffel, Susanne

TITLE OF INVENTION: Purified Thermostable Nucleic Acid

TITLE OF INVENTION: Polymerase Enzyme from Thermotoga Maritima

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street

CITY: Nutley

STATE: New Jersey

COUNTRY: USA

ZIP: 07110-1199

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage

COMPUTER: Apple Macintosh

OPERATING SYSTEM: Macintosh 7

SOFTWARE: WordPerfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/971,819A

FILING DATE: 19930203

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Stacey R. Stas, Ph.D.

REGISTRATION NUMBER: 32,630

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2863

TELEFAX: (510) 814-2977

TELEX:

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 2682 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 1..2682

US-07-971-819A-1

Query Match 67.6%; Score 14.2; DB 1; Length 2682;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3 ACCTCATGCCCGGCTCAG 21
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Db 2384 ACCTCATGCCCGGCTCAG 2402

RESULT 14

US-07-925-695-6/c

Sequence 6, Application US/07925695

Patent No. 5428145

GENERAL INFORMATION:

APPLICANT: OKAMOTO, Hiroaki

APPLICANT: NAKAMURA, Tetsuo

TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME,

TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: Beveridge, Degrandi, Wellacher & Young

STREET: 1850 M Street, N.W., Suite 800

CITY: Washington

STATE: D.C.

COUNTRY: US

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/925,695

FILING DATE: 19920807

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 287402/91

FILING DATE: 09-AUG-1991

PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: JP 360441/91
; FILING DATE: 05-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-1462
; TELEFAX: (202) 659-1462
; TELEEX: WUI 64470
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9511 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-07-925-695-6

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Query Match          67.6%; Score 14.2; DB 1; Length 9511;
Best Local Similarity 76.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

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QY 1 GTACTCATGGCCGCTCAG 21
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Db 6864 GTACTCGGTGTCGGCTCAG 6844

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RESULT 15
US-07-925-695-7/c
; Sequence 7, Application US/07925695
; Patent No. 5428145
; GENERAL INFORMATION:
; APPLICANT: OKAMOTO, Hiroaki
; APPLICANT: NAKAMURA, Tetsuo
; TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME,
; TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND
; TITLE OF INVENTION: DETECTION SYSTEMS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young
; STREET: 1850 M Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/925,695
; FILING DATE: 19920807
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 287402/91
; FILING DATE: 09-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 360441/91
; FILING DATE: 05-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEEX: WUI 64470
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9511 base pairs
; TYPE: NUCLEIC ACID

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; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-07-925-695-7

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Query Match          67.6%; Score 14.2; DB 1; Length 9511;
Best Local Similarity 76.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

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QY 1 GTACTCATGGCCGCTCAG 21
    ||||:| | | |||||
Db 6864 GTACTCGGTGTCGGCTCAG 6844

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Search completed: November 2, 1999, 04:12:55
Job time: 2504 sec
